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1 [Queue: Volume 6 Issue 3](#)



May 2008

Publisher: ACM

Full text available: [Digital Edition](#), [Pdf](#) (5.56 MB)

[Queue](#)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 144, Downloads (12 Months): 676, Citation Count: 0

2 [A Review of the Rationale and Architectures of PJama: a Durable, Flexible,](#)

[Evolvable and Scalable Orthogonally Persistent Programming Platform](#)

[Malcolm Atkinson](#), [Mick Jordan](#)

June 2000 A Review of the Rationale and Architectures of PJama: a Durable, Flexible, Evolvable and Scalable Orthogonally Persistent Programming Platform

Publisher: Sun Microsystems, Inc.

Full text available: [Pdf](#) (455.97 KB)

Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 30, Citation Count: 5

A primary goal of research into orthogonal persistence is to simplify significantly the construction, maintenance and operation of applications in order to save software costs, extend the range of applications and improve users' experiences. To test ...

3 [Grid Computing and Qualitative Social Science](#)

[Nigel G. Fielding](#)

August 2008 **Social Science Computer Review**, Volume 26 Issue 3

Publisher: Sage Publications, Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Qualitative research is increasingly important in policy-related and applied work, as well as in academic work. Grid and high-performance computing (HPC) technologies promise significant potential returns for qualitative researchers. Tagged *cyber-research* ...

Keywords: cyber-research in social science, grid computing and social research, qualitative computing, qualitative methodology

4 [Communications of the ACM: Volume 51 Issue 7](#)



July 2008 Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (6.54 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 3945, Downloads (12 Months): 6536, Citation Count: 0

5 [Communications of the ACM: Volume 52 Issue 4](#)



April 2009 Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (7.58 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 2112, Downloads (12 Months): 2112, Citation Count: 0

6 [Queue: Volume 6 Issue 5](#)



September 2008

Queue

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (6.07 MB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 130, Downloads (12 Months): 567, Citation Count: 0

7 [Communications of the ACM: Volume 51 Issue 8](#)



August 2008 Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (6.85 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 473, Downloads (12 Months): 3045, Citation Count: 0

8 [SchemaSQL: An extension to SQL for multidatabase interoperability](#)



Laks V. S. Lakshmanan, Fereidoon Sadri, Subbu N. Subramanian

December 2001 **Transactions on Database Systems (TODS)** , Volume 26 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (435.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 147, Citation Count: 15

We provide a principled extension of SQL, called *SchemaSQL*, that offers the capability of uniform manipulation of data and schema in relational multidatabase systems. We develop a precise syntax and semantics of *SchemaSQL* in a manner that ...

Keywords: Information integration, SchemaSQL, multidatabase systems, restructuring views, schematic heterogeneity

9 [Communications of the ACM: Volume 51 Issue 9](#)



September 2008

Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (8.68 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 620, Downloads (12 Months): 4105, Citation Count: 0

10 [Queue: Volume 6 Issue 7](#)



November 2008

Queue

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (3.83 MB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 57, Downloads (12 Months): 276, Citation Count: 0

11 [Building Scalable Electronic Market Places Using HyperQuery-Based Distributed Query Processing](#)

[Allons Kemper](#), [Christian Wiesner](#)

March 2005 **World Wide Web** , Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 1

Flexible distributed query processing capabilities are an important prerequisite for building scalable Internet applications, such as electronic Business-to-Business (B2B) market places. Architecting an electronic market place in a conventional data ...

Keywords: data integration, distributed databases, dynamic query processing, e-business, portal, product catalog, reference architecture

12 [Trustworthy 100-year digital objects: durable encoding for when it's too late to](#)



[ask](#)

[H. M. Gladney](#), [R. A. Lorie](#)

July 2005 **Transactions on Information Systems (TOIS)** , Volume 23 Issue 3

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.04 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 137, Citation Count: 2

How can an author store digital information so that it will be reliably intelligible, even years later when he or she is no longer available to answer questions? Methods that *might* work are not good enough; what is preserved today should be reliably ...

Keywords: Long-term digital preservation, encoding

13 [Enterprise information integration: successes, challenges and controversies](#)



[Alon Y. Halevy](#), [Naveen Ashish](#), [Dina Bitton](#), [Michael Carey](#), [Denise Draper](#), [Jeff Pollock](#),
[Arnon Rosenthal](#), [Vishal Sikka](#)

June **SIGMOD '05**: Proceedings of the 2005 ACM SIGMOD international
2005 conference on Management of data

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (370.31
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 72, Downloads (12 Months): 512, Citation Count: 21

The goal of EII systems is to provide uniform access to multiple data sources without having to first load them into a data warehouse. Since the late 1990's, several EII products have appeared in the marketplace and significant experience has been accumulated ...

14 [A web-based spatial decision support system optimizes routes for oversize/overweight vehicles in Delaware](#)

[Julian J. Ray](#)

August **Decision Support Systems** , Volume 43 Issue 4
2007

Publisher: Elsevier Science Publishers B. V.

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 4

Delaware Department of Transportation has developed a web-based spatial decision support system for managing the movement of oversize and overweight vehicles over the State's highways. This system combines network optimization techniques and a J2EE web-architecture ...

Keywords: GIS, J2EE, Spatial decision support systems, Vehicle routing, Web-based DSS

15 [Assembling and enriching digital library collections](#)

[David Bainbridge](#), [John Thompson](#), [Ian H. Witten](#)

May **JCDL '03**: Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital
2003 libraries

Publisher: IEEE Computer Society

Full text available: Pdf (576.57
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 120, Citation Count: 5

People who create digital libraries need to gather together the raw material, add metadata as necessary, and design and build new collections. This paper sets out the requirements for these tasks and describes a new tool that supports them interactively, ...

16 SBI: a semantic framework to support business intelligence



Denilson Sell, Dhiogo Cardoso da Silva, Fabiano Duarte Reppler, Marco Napoli, Fernando Benedet Ghisi, Roberto C. S. Pacheco, José Leomar Todesco

October 2008 **OB1 '08**: Proceedings of the first international workshop on Ontology-supported business intelligence

Publisher: ACM

Full text available: [Pdf](#) (381.15 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 153, Citation Count: 0

Despite the importance of analytical tools to organizations, they still lack the inference power needed to solve the requests of decision makers in a flexible and smarter way. We present a framework called SBI -- Semantic Business Intelligence - in which ...

Keywords: OLAP, business intelligence, heterogeneous data sources, ontology

17 Towards XML version control of office documents



Sebastian Rönnau, Jan Scheffczyk, Uwe M. Borghoff

November 2005 **DocEng '05**: Proceedings of the 2005 ACM symposium on Document engineering

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (220.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 157, Citation Count: 3

Office applications such as OpenOffice and Microsoft Office are widely used to edit the majority of today's business documents: office documents. Usually, version control systems consider office documents as binary objects, thus severely hindering collaborative ...

Keywords: XML diffing, office applications, version control

18 A Semantic Datagrid for Combinatorial Chemistry

K. Taylor, R. Gledhill, J. W. Essex, J. G. Frey, S. W. Harris, D. De Roure

November 2005 **GRI D '05**: Proceedings of the 6th IEEE/ACM International Workshop on Grid Computing

Publisher: IEEE Computer Society

Full text available: [Pdf](#) (522.40 KB)

Additional Information: [full citation](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Citation Count: 1

19 ["Yes, but does it scale?": practical considerations for database-driven information systems](#)



[John Russell](#)

October **SIGDOC '01**: Proceedings of the 19th annual international conference on 2001 Computer documentation

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (231.31 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 62, Citation Count: 1

This paper explores the process of designing and implementing a database-driven system of online documentation, and putting it live on the web for customers to use. Using real-life examples, it discusses practical considerations for balancing performance, ...

Keywords: Oracle, automation, categorization, database, performance, reliability, scalability, web services

20 [A practical high volume software product line](#)



[Peter Bell](#)

October **OOPSLA '07**: Companion to the 22nd ACM SIGPLAN conference on Object-oriented programming systems and applications companion 2007

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (409.36 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 96, Citation Count: 0

Many Software Product Line case studies focus on the fact that an ROI can be achieved in 3-5 projects. This paper asks the question "what has to be done differently to be able to generate 10,000 custom applications a year?". As wholesalers of custom ...

Keywords: architecture, configuration management, domain specific language, experience, feature modeling, language oriented programming, practitioner report, software product line

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